

### Abstract of the Disclosure

An elongated centering stud is adapted for attachment to a wheel mounting member applicable for securing a vehicle wheel to a spin balancer. The centering stud includes a head adapted for engaging the vehicle wheel, a body extending from the head, and a base formed with the body opposite the head. The base is adapted for engaging the mounting member. A reduced-diameter connecting end projects from the base, and is adapted for being inserted into a stud-receiving hole formed with the mounting member. The centering stud flexes relative to the mounting member, such that any force acting on the centering stud is distributed along a length of the stud.